PRIOR FOREIGN/PCT APPLICATION(S) FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS APPLICATION AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. § 119(a)-(d)

COUNTRY (OR	APPLICATION NUMBER	119(a)-(d)			
INDICATE IF PCT)	NOWING HOMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 37 USC 119		
FI	973762	27.6			
		23 Sept. 1997	☑ YES NO =		
			TYES NOT		
			TYES NO T		
			☐ YES NO ☐		
			☐ YES NO ☐		

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S) (34 U.S.C. § 119(e))

I hereby claim the benefit under Title 35, States provisional application(s) listed below:	United States Code,	§ 119(e) of any Unite	ed

PROVISIONAL APPLICATION NUMBER	
/	FILING DATE
/	
/	

CLAIM FOR BENEFIT OF EARLIER US/PCT APPLICATION(S) UNDER 35 U.S.C. 120

	The claim for the benefit of any such applications are set forth in the attached ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION OR CONTINUATION-IN PART (C-I-P) APPLICATION.
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(Declaration and Power of Attorney [1-1]—page 3 of 6)

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SPECIFICATION IDENTIFICATION

the specification of which:

(complete (a), (b) or (c))
(a) is attached hereto.
(b) was filed on as Senal No. 0 / or Express Mail No., as Senal No. not yet because
or Express Mail No., as Senal No. not yet known
and was amended on (if applicable).
not accorded a filing date by being referred to in the declaration. Accordingly, the amendments involved are those filed with the application papers or, in the case of a supplemental declaration, are those amendments claiming matter not encompassed in the original statement of invention or claims. See
(c) x was described and claimed in PCT International Application No. PCT/FI98/00749 filed on 23 Sept. 1998 and as (if any).
ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR
I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.
defined in 37. Code of Federal Regulations, § 1.56,
(also check the following items, if desired)
and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent,
in compliance with this duty, there is attached an information disclosure statement, in accordance with 37 CFR 1.98.
PRIORITY CLAIM (35 U.S.C. § 119(a)-(d))
I hereby claim foreign priority benefits under Title 35. United States Code, § 119(a)–(d) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.
(complete (d) or (e))
(d) _ no such applications have been filed.
(e) 🖔 such applications have been filed as follows.
NOTE. Where item (c) is entered above and the International Application which designated the U.S. itself claimed priority check item (e), enter the details below and make the priority claim.

(Declaration and Power of Attorney [1-1]—page 2 of 6)

Attorney's Decket No. U 012653-9
PATENT
COMBINED DECLARATION AND POWER OF ATTORNEY
(ORIGINAL, DESIGN, NATIONAL STACE OF ATTORNEY
(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL CONTINUATION OR C-I-P)
As a below named inventor, I hereby declare that:
TYPE OF DECLARATION
This declaration is of the following type:
(check one applicable item below)
- Original,
☐ design.
supplemental.
NOTE: If the declaration is for an international Application being filed as a divisional, continuation or Check next item; check appropriate one of the transfer of the check next item; check appropriate one of the check next item; che
NOTE: If one of the following 3 items apply, then complete and also attach ADDED PAGES FOR DIVISIONAL. GIVISIONAL
divisional.
Continuation.
Continuation-in-part (C-I-P).
INVENTORSHIP IDENTIFICATION
Working: If the inventors are continued in the inventor and the inventors are continued in the inventor and inventor are continued in the inventor and inventors are continued in the inventor and inventor and inventor are continued in the inventor and inventor and inventor are continued in the inventor and
the ownership of all the claims at the time the last claims, an explanation of the facts, including My residence, post office address and citizenship are as extend here.

My residence, post office address and citizenship are as stated below, next to my name. I believe that I am the onginal, first and sole inventor (if only one name is listed below) or an onginal, first and joint inventor (if plural names are listed below) of the subject matter that is claimed, and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

Novel	gene	defective	in	apeced	and	its	use		

(Declaration and Power of Attorney [1-1]-page 1 of 6)

ALL FOREIGN APPLICATION(S), IF (6 MONTHS FOR DESIGN) PRI	ANY, FILED MORE THAN 12 MONTHS FOR TO THIS U.S. APPLICATION
NOTE: If the application filed more than 12 months from the basis for this application entering the Unidivisional, or continuation-in-part, then also cannot be provided in the provided of the provided continuation of the provided continuation file provided continu	om the filing date of this application is a PCT filing forming ited States as (1) the national stage, or (2) a continuation, complete ADDED PAGES TO COMBINED DECLARATION AL, CONTINUATION OR C-I-P APPLICATION for benefit 35 U.S.C. § 120.
POWER OF	ATTORNEY
	The second secon
PAUL B. WEST. 18947 JOSEPH H. HANDELMAN, 26179 JOHN RICHARDS, 31053 JOHN J. CHRYSTAL, 26360 RICHARD J. STREIT, 25765 ALAN K. ROBERTS, 17777 S. DELVALLE GOLDSMITH, 14383	PETER D. GALLOWAY, 27885 LAIN C. BAILLIE, 24090 THOMAS F. PETERSON, 24790 RICHARD P. BERG, 28145 JULIAN H. COHEN, 20302 WILLIAM R. EVANS, 25858 JANET I. CORD, 33778 CLIFFORD I. MASS, 20006
(check the following) Attached, as part of this declaration of the above-named attorney(s) to representative(s).	n and power of attorney, is the authorization to accept and follow instructions from my
SEND CORRESPONDENCE TO	DIRECT TELEPHONE CALLS TO: (Name and telephone number)
LADAS & PARRY 26 WEST 61ST STREET NEW YORK, NEW YORK 10023	(212)708-1930

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

(Declaration and Power of Attorney [1-1]-page 4 of 6)



PRIOR FOREIGN/PCT APPLICATION(S) FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS APPLICATION AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. § 119(a)-(d)

COUNTRY (OR	APPLICATION NUMBER	3 U.S.C. § 119(a)-(d)			
INDICATE IF PCT)	WAS THE THE PARTY OF THE PARTY	DATE OF FILING (day, month, year)	PRIORITY (UNDER 37	CLAIMED USC 119	
FI	973762	23 Sept. 1997	X YES	NO =	
				NO =	
				NO =	
				NO	
			□ YES	NO =	

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S) (34 U.S.C. § 119(e))

I hereby claim the benefit under Title 35. United States Code, § States provisional application(s) listed below:	119(e) of any United
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PROVISIONAL APPLICATION NUMBER	FILING DATE
/	
/	

CLAIM FOR BENEFIT OF EARLIER US/PCT APPLICATION(S) UNDER 35 U.S.C. 120

	The claim for the benefit of any such applications are set forth in the attached ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION OR CONTINUATION-IN PART (C-I-P) APPLICATION.
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(Declaration and Power of Attorney [1-1]—page 3 of 6)

SPECIFICATION IDENTIFICATION

the specification of which:
(complete (a), (b) or (c))
(a) _ is attached hereto.
(b) was filed on
(b) was filed on as Serial No. 0 / or Express Mail No., as Serial No. not yet known and was amended on (if applicable)
and was amended on
not accorded a filing date by being referred to in the declaration. Accordingly, the amendments involved are those filed with the application papers or, in the case of a supplemental declaration, are those amendments claiming matter not encompassed in the original statement of invention or claims. See
(c) x was described and claimed in PCT International Application No. PCT/FI98/00749 filed on 23 Sept. 1998 and as ACKNOWLEDGEMENT OF THE PCT Article 19 on (if any).
OF REVIEW OF PAPERS AND DUTY OF CANDON
I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56,
(also check the following items, if desired)
and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent,
in compliance with this duty, there is attached an information disclosure statement, in accordance with 37 CFR 1.98.
PRIORITY CLAIM (35 U.S.C. § 119(a)-(d))
I hereby claim foreign priority benefits under Title 35. United States Code, § 119(a)–(d) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.
(complete (d) or (e))
(d) _ no such applications have been filed.
(e) 📉 such applications have been filed as follows
NOTE. Where item (c) is entered above and the International Application which designated the U.S. itself claimed priority check item (e), enter the details below and make the priority claim.

(Declaration and Power of Attorney [1-1]—page 2 of 6)

ALL FOREIGN APPLICATION(S), IF A (6 MONTHS FOR DESIGN) PRICE	NY, FILED MORE THAN 12 MONTHS OR TO THIS U.S. APPLICATION
NOTE: If the application filed more than 12 months from the basis for this application entering the Unite divisional, or continuation-in-part, then also con AND POWER OF ATTORNEY FOR DIVISIONAL of the prior U.S. or PCT application(s) under 3.	TIPLETE ADDED PAGES TO COMBINED DECLARATION.
POWER OF A	TTORNEY
I hereby appoint the following attorney(s) and transact all business in the Patent and Transact	
PAUL B. WEST. 18947 JOSEPH H. HANDELMAN, 26179 JOHN RICHARDS. 31053 JOHN J. CHRYSTAL. 26360 RICHARD J. STREIT. 25765 ALAN K. ROBERTS. 17772 S. DELVALLE GOLDSMITH, 14383 (check the following in	PETER D. GALLOWAY, 27885 LAIN C. BAILLIE, 24090 THOMAS F. PETERSON, 24790 RICHARD P. BERG, 28145 JULIAN H. COHEN, 20302 WILLIAM R. EVANS, 25858 JANET I. CORD, 33778 CLIFFORD J. MASS, 30086
Attached, as part of this declaration of the above-named attorney(s) to representative(s).	and power of attorney, is the authorization accept and follow instructions from my
SEND CORRESPONDENCE TO	DIRECT TELEPHONE CALLS TO: (Name and telephone number)
26 WEST 61ST STREET NEW YORK, NEW YORK 10022	(212)708-1930

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

(Declaration and Power of Attorney [1-1]-page 4 of 6)



SIGNATURE(S)

Full name of sole or firs	·	
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	- <u>Krohn</u>
Inventor's signature		FAMILY FOR LAST NAME
Date	Country of Chizenship	Finland
Residence		-1.20/10
Post Office Address		
Full name of second join	t inventor, if any	
Maarit Moven NAME		Heino
nventor's signature	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST HAME)
	Country of Citizenship _	Finland
Residence	Country of Crizenship _	TITIANU
ost Office Address		
ull name of third joint in _Pärt	ventor, if any	
(GIVEN NAME)	IMIDOLE INITIAL OR NAME)	Peterson
ventor's signature		FAMILY (OR LAST NAME)
	Country of Citizenship	Estomia
sidence		

(Declaration and Power of Attorney [1-1]-page 5 of 6)

(cneck proper box(es) for any of the following added page(s) that form a part of this declaration)

_	o und declaration)
Ī	Signature for fourth and subsequent joint inventors. Number of pages added
Ξ	Signature by administratority average
	Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor. Number of pages added
	• • •
. =	Signature for inventor who refuses to sign or cannot be reached by person authorized under 37 CFR 1.47. Number of pages added
	• • •
=	Added page for signature by one joint inventor on behalf of deceased inventor(s) where legal representative cannot be appointed in time. (37 CFR 1.47)
	• • •
=	Added pages to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (C-I-P) application.
	Number of pages added
	• • •
_ /	Authorization of attomey(s) to page 4
	Authorization of attorney(s) to accept and follow instructions from representative.
	• • •
	·
the	(if no further pages form a part of this Declaration, n end this Declaration with this page and check the following item)
	This declaration ends with this page.

(Declaration and Power of Attorney [1-1]-page 6 of 6)

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ADDED PAGE T	O COMBINED DECLARATIO	N AND POWER OF
THE TOR SIGN	ATURE BY FOURTH AND S	UBSEQUENT INVENTO
Full name of fourth joint in Hamish	ventor, if any	
GIVEN NAME	MIDDLE INITIAL OR NAME	Scott
Inventor's signature		FAMILY (OR LAST NAME
	Country of Citizenship	Australia
Residence	Occinity of Citizenship	Mascraria
Stylianos	and it dily	Λ.,
GIVEN NAME	MIDDLE INITIAL OR NAME	Antonarakis FAMILY (OR LAST NAME)
GIVEN NAME nventor's signature	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
GIVEN NAME Inventor's signature Date	MIDDLE INITIAL OR NAME Country of Citizenship	FAMILY (OR LAST NAME)
Stylianos GIVEN NAME nventor's signature Date Residence	MIDDLE INITIAL OR NAME Country of Citizenship	FAMILY FOR LAST NAME
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GIVEN NAME Oate Post Office Address ull name of sixth joint inve	Country of Citizenship U	FAMILY (OR LAST NAME) S/Greece
GIVEN NAME nventor's signature Date Residence Post Office Address ull name of sixth joint inve Maria GIVEN NAME EVENTOR'S signature	Country of Citizenship U	FAMILY (OR LAST NAME) S/Greece Lalioti FAMILY (OR LAST NAME)

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Attomey's, i	Docket	M a	•	'	ı
,		NO.			

ADDED PAGE TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR SIGNATURE BY FOURTH AND SUBSEQUENT INVENTORS

10	Full name of 7th joint Nobuyoshi GIVEN NAME	inventor, if any	Ch : :
T_{-}		MIDDLE INITIAL OR NAME	Shimizu Family for last name
	Inventor's signature		·
	Date	Country of Citizenship	Japan
	Residence		
	Post Office Address		
	E. II 1 O. I	STATE OF THE PARTY	
(1)	Full name of 8thjoint inv		· · · · ·
10	GIVEN NAME	MIDDLE INITIAL OR NAME	Kudoh
	Inventor's signature	MIDDLE INTIAL OR NAME	FAMILY FOR LAST NAME
		Country of Citizenship	Japan
	Residence		
	Post Office Address		
	Full name of 9th joint inv	entor, if any	
	GIVEN NAME	MIDDLE INITIAL OR NAME	EALW V. DO
	Inventor's signature		FAMILY (OR LAST NAME)
	Date	Country of Citizenship	
	Residence		

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	A barrier
Attorney's Docket No.	U 012653-9 ' · *

5/9 FAX to ... 358-3-3138-70fo

ADDE	PAGE TO COMBINED DECLARATION AND POWER OF
ATTORNEY	FOR SIGNATURE BY FOURTH AND POWER OF
	FOR SIGNATURE BY FOURTH AND SUBSEQUENT INVENTORS

Full name of	7th joint inventor, if any			
Nobuyoshi Given name		Shim	ni go y _{as} .	
Inventor's sign	sature Trough Mic 2		YOR CAST	VAME
Date Mays	Country of Citizenship	Japan		7:3
Residence 💆 🛠	6-1-W2103 Yukarigaoka, Saki			
Post Office Add	ress Japan	waz Chij	ha 285	
Full name of 8t	hjoint inventor, if any			
Jun		Kudo	ь	E. E. Se
GIVEN NAME	MIDDLE INITIAL OR NAME			
Inventor's signa	ture Jun Kudoh	PAMILT	TOR LAST VA	ME)
Date May		Japan	VAE 5-4	<u>ज्याच्य</u>
Residence	-14-8-303, Hon Komagisme, Bun	Japan To		<u> </u>
Post Office Addre	ess Japan	KYO-KU, I	okyo 113	<u>-00</u> 2
Full name of 9th	n joint inventor, if any			
GIVEN NAME	MIDDLE INITIAL OR NAME			
nventor's signati	Ure	FAMILY (OR LAST NAME	<u>.</u>
	Country of Citizenship	······································		
Residence	Country of Citizenship			
ost Office Addres	35			
, 25, 50				

VERIFIED STATEMENT AIMING SMALL ENTITY STAT? Docket Number (Optional) (37 CFR 1.9(f) & 1.27(c), JMALL BUSINESS CONCERN
Applicant or Patentee: Finnish Immunotechnology Ltd. Scriel or Patent No.: Filed or Issued: Title: Novel gene defective in apeced and its use
I hereby declare that I wn
the owner of the small business concern identified below. an official of the small business concern empowered to act on behalf of the concern identified below:
NAME OF SMALL BUSINESS CONCERN finnish Immunotechnology Ltd. ADDRESS OF SMALL BUSINESS CONCERN Lenkkellijänkatu 8, FIN-33530 Tampere, Finland
I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 13 CFR 121.12, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees to the United States Patent and Trademark Office, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a faired party or parties controls or has the power to control both.
I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention described in:
the specification filed herewith with title as listed above. the application identified above. the patent identified above.
If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights in the invention must file separate verified statements averting to their status as small entities, and no rights to the invention are held by truy person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d), or a nonprofit organization under 37 CFR 1.9(e). Each person, concern or organization having any rights in the invention is listed below:
no such person, concern or organization exists. each such person, concern or organization is listed below.
Separate verified statements are required from each named person, concern or organization having rights to the invention avering to their status as small entires. (37 CFR 1-27) I acknowledge the duty to file, in this application or passes, notification of any change in status resulting in loss of emitterment to small
emity status prior to paying, or at the time of paying, the estilest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))
Thereby declars that all statements made harrin of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent so which this verified statement is directed.
NAME OF PERSON SIGNING Pekka Sillanaukee
TITLE OF PERSON IF OTHER THAN OWNER chief_executive officer
ADDRESS OF PERSON SIGNING Lenkkeilijänkatu 8, 33520 TAMPERE FINLAND
SIGNATURE PARE March 7th, 2000
DSR/10 (1.90)